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PUT TUNNELERS INTO OPERATION -- Kiev, Pravda Ukrainy, 1 Mar 53

Several of the new ShBM-1-U development combines, produced by the Kopeysk Plant imeni Kirov, are now in operation at a mine of the Stalinugol' Combine. In general form, the machine resembles a huge drilling unit laid on its side, a metal disk 3 meters in diameter mounted at the front serving as the "bit." As the machine moves ahead, cutting out a tunnel, it leaves the walls as smooth as if they had been polished. It can turn under its own power to change the direction of advance.

The ShBM-1-U was developed by Stalin Prize winner A. A. Mogilevskiy and engineers A. I. Loseviy and S. E. Balaganskiy.

Moscow, Pravda, 30 May 53

The ShBM development combine built by the Kopeysk Plant imeni Kirov advances in a "walking" movement: the drill part is advanced 0.7 meter into the ground while the main body of the machine remains fast; then, by means of hydraulic jacks, the body moves itself forward on skids. The process is repeated at each advance of 0.7 meter.

The machine has made a total advance of 7-8 meters in one day.

GET PLANS FOR IMPROVED COMBINES -- Vil'nyus, Sovetskaya Litva, 12 Apr 53

The Gorlovka Plant imeni Kirov has received plans for two Donbass combines of improved design.

The plant is striving to complete the new machines ahead of schedule, and to reduce the production cycle for series-produced machines. Each machine is now turned out in nearly one half the time it took 4 years ago.

PRODUCE REDUCTION UNITS -- Moscow, Moskovskaya Pravda, 4 Jan 53

The Stalino Plant imeni 15-letiy Komsomola has begun to produce heavy reduction units for mine hoists.

TEST CONVEYER -- Tbilisi, Zarya Vostoka, 16 Jan 53

The Aleksandrovskiy Machine Building Plant imeni Voroshilov, Molotovskaya Oblast, has built and tested a new 200-meter belt conveyer for use in coal mines.

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